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From a generator two cables extended to a log bunker north of the radar installation via the two radar sets. The two cables which had a diameter of 30-mm and about 18-mm respectively were fastened to pegs about 10 cm high and covered by wooden boards. The box-like set mounted on an iron tripod northeast of the AA guns measured about 65 x 40 x 40 cm. Three turning knobs were seen on the longitudinal side of the set. Two reflecting and rotatable triangulars about 10 cm high were mounted on the set. A range finder about 2 meters long and with a diameter of about 18 cm was observed about 5 meters north of the set. On 20 November, an officer with four silver stars on his epaulets supervised the training of soldiers wearing red-bordered black epaulets with the box-like set, the range finder and the adjacent AA gun. The officer had come from the Stammlager in Zossen. In late December, two rows of poles supporting eight and four wires respectively had been erected from the Stammlager in Zossen to the AAA emplacement. By 24 January, four additional single-wire lines had been constructed and an underground cable about 4 cm in diameter had been laid.<sup>4</sup>

Merseburg.

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4. The small radar set fitted with two Yagi type antennas observed on the southeastern edge of Merseburg airfield rotated several times on 17 December. During a 15-minute period of operation on 27 November, the antenna of the SCR 602 type radar set located near the small radar set was turning within a sector of about 60°.

Plauen.

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5. During the period from early October 1952 to 29 January 1953, the radar installation on Warthuebel (hill) on the western perimeter of Plauen was observed several times every week.

only the antenna of the SCR 602 set rotated on five days at a rate of 25, 38, 55, 23 and 38 seconds per rotation. From the position of the antennas of the two other radar sets, these sets operated very seldom.

the two Yagi type antennas of the one radar set consisted of three units each.

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6. On 26 October, van-like truck proceeded from the radar installation to the officer billets on Zadera Strasse, where an officer left the truck, which then proceeded toward the center of the town. In late November, 12 overhead lines and an overhead rubber cable extended from the radar installation to the Kirchbach Kaserne and a villa at the intersection of Copernikus Strasse and Schminke Strasse respectively. In late December, this villa quartered about 14 soldiers who wore red-bordered black and 7 soldiers who wore black-bordered black epaulets. Next door to the villa there was a garage with two trucks and a dog kennel. Two soldiers who wore black-bordered black epaulets accompanied by a dog were seen proceeding to the radar installation. the soldiers quartered in the villa probably belonged to an independent unit which was not subjected to the general military post regulations. On 15 December and early January truck driven by a soldier who wore red-bordered black epaulets

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proceeded to the villa. In late January, three trucks [ ] driven by a soldier wearing black-bordered black epaulets [ ] were repeatedly seen in front of the villa.

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7. From late November 1952 until 11 January 1953, the two Adcock DF stations behind Kirchbach Kaserne were unoccupied, as could be determined from the fact that no foot marks were to be seen in the snow.

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8. In late January 1953, [ ] three air force soldiers who wore black-bordered blue epaulets entering the building occupied by the signal unit at the Kirchbach Kaserne. Radio truck [ ] fitted with a rod antenna about 5½ meters high and a one-axle trailer were seen near this quartering building.<sup>6</sup>

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Wismar.

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9. On 30 October, [ ] only three Adcock DF stations in the training area southwest of the barracks installation on Luetche Strasse in Wismar. No radar set was seen in the billeting area.<sup>7</sup>

Wittstock.

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10. In early December 1952 and mid-January, 1953 [ ] a parabolic reflector on a pillbox at Wittstock airfield, on the southern border of the billeting area. The set-up of the reflector could not be observed clearly. A tube about 10 cm in diameter with a bulge at its end was fitted in the center of the reflector to its rim. Two rings were seen between the center and the rim. [ ] a wire extended from a perpendicular rod fitted at some undetermined point of the reflector to a low wooden building north of the set. No rotating movements of the set were seen. From the changed position of the antennas of the two radar sets erected near the parabolic reflector, [ ] they had been in operation between the individual days of observation.<sup>8</sup>

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Stahnsdorf.

11. In late October, the PKV-45 type Adcock DF station near the Siegfried Kaserne 500 meters east of Karolinen Strasse was occupied by three men.

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12. On 18 November, [ ] two PKV-45 type Adcock DF stations 50 meters apart from each other in the training area north of Schlieffen Kaserne.<sup>9</sup>

Rehagen.

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13. In early October 1952, [ ] a Dumbo type radar set near the barracks installation at Rehagen.<sup>10</sup>

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Wittenberg.

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14. In late November/early December, sedan [ ] occupied by a captain who wore black-bordered light blue epaulets and a soldier drove several times from the Brueckenkopf Kaserne in Wittenberg to the radar installation on Apollensberg (hill).<sup>11</sup>

Hillersleben.

15. [ ] there was no change in the status of the Dumbo type radar set on Haupt Strasse at Hillersleben. The Adcock DF station had been removed.<sup>12</sup>

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1. [ ] Comment. For sketch of this radar set, which resembles the American CPS-6 type set, see Annex 1. [ ]

2. [ ] Comment. For sketch of this set, see Annex 2.

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3. [ ] Comment. [ ] the radar installation at Gardelegen consists of a Dumbo type, an SCR-602 type set and a third set, which was observed in connection with the SCR-602 set also at other radar installations. [ ]

[ ] It is believed that these sets are not antennas of decimeter communication equipment.

4. [ ] Comment. For sketch of the AA emplacement, see Annex 3. From [ ] sketch [ ] it appears that the radar set observed at the AA emplacement was of type AA No 1 Mk2 which has its receiver and transmitter mounted in two different units. The box-like set mounted on an iron tripod probably is a Fuaso 3 set. See item 4 of Annex 3. It appears noteworthy that the range finder observed at the emplacement was only two meters in length. The AAA emplacement which consists of 4 x 85 mm guns, belongs to the 2d Gds AAA Div.

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5. [ ] Comment. The radar installation at Merseburg airfield consists of a Dumbo type and an SCR-602 type set in addition to a third set [ ]

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The third set was also seen at other radar installations in the immediate vicinity of the SCR-602 set. It is pointed out that the SCR-602 set and the third set were being erected simultaneously at most radar installations. The radar installation at the airfield is operated by the headquarters of the fighter division in Merseburg.

6. [ ] Comment. The radar installation near Plauen consists of three sets, i.e. a Dumbo type set, an SCR-602 set and a third set fitted with two Yagi type antennas. The third set is of the same type as that observed in Merseburg. [ ]

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The Kirchbach Kaserne mainly quarters a signal unit (signal units?), which is probably directly assigned to the Eighth Gds Army and/or the GOCFG. For view of two quartering buildings of the Kirchbach Kaserne with various radar installations, see Annex 7. [ ]

[ ] the radar installation in Plauen is operated by a unit which is directly assigned to

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the GOFG. [REDACTED]

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7. Comment. [REDACTED] a Dumbo type radar set was located on the roof of a building of the barracks installation on Luebsche Strasse in Wismar in June 1952. 50X1-HUM
8. Comment. [REDACTED] 50X1-HUM  
[REDACTED] . The installation consists of an SCR-602 set with another set erected close to it. [REDACTED]  
[REDACTED] The parabolic reflector definitely belonged to an SCR-602 type radar set. It is believed that a Dumbo type set is also available at the airfield. The radar installation is operated by the headquarters of the Northern Fighter Corps.
9. Comment. It is believed that the two DF stations are operated by signal units of the GOFG stationed in Stahnsdorf.
10. Comment. The Dumbo type radar set may be operated by units of the 2d Gds AAA Div stationed at the barracks installation in Rehagen.
11. Comment. Two Dumbo type sets were previously observed at the radar installation on Apollenberg near Wittenberg. It is unknown what type of radar sets are now available at this installation. Possibly the installation, just as all the other radar installations connected with fighter units, consists of a Dumbo type set, an SCR-602 set and a third type set as observed in Merseburg. [REDACTED] An SCR-602 type radar set, on which probably instruction was being given was observed at the Brueckenkopf Kaserne. [REDACTED] 50X1-HUM  
[REDACTED] . 50X1-HUM  
The radar installation is probably operated by the headquarters of the Southern Fighter Corps in Wittenberg.
12. Comment. Contrary to radar installations which are connected with fighter units this radar installation consists of a Dumbo type set. The superior headquarters to which this installation is assigned is unknown.

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Annex 1

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Radar Set in Gardelegen

Legend:

A Side view

B Front view

C Top view

1 Rotatable box-like superstructure measuring about 3 x 1.6 x 2 meters

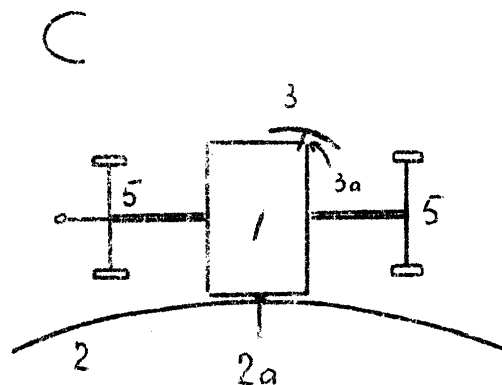
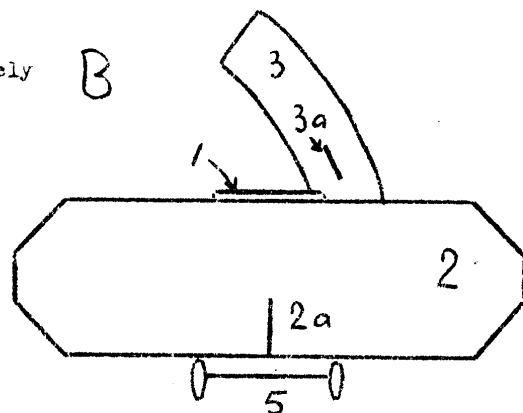
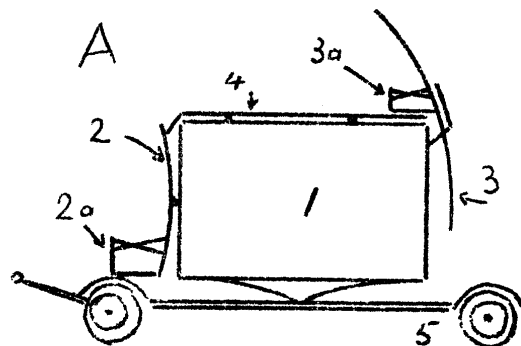
2 and 3 Curved rectangular reflectors

2a and 3a Angular iron struts connected by wires to 2 and 3 respectively

4 Cable

5 Chassis

Note. Reflector Item 2 measures about 6 x 2 meters and is braced both vertically and horizontally by metal strips.



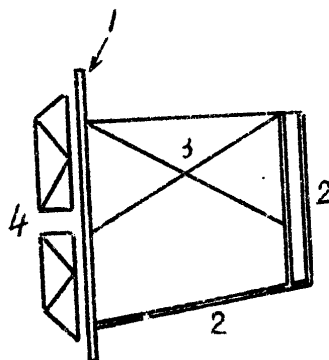
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Annex 2

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Slanting Reflector Observed at Gardelegen

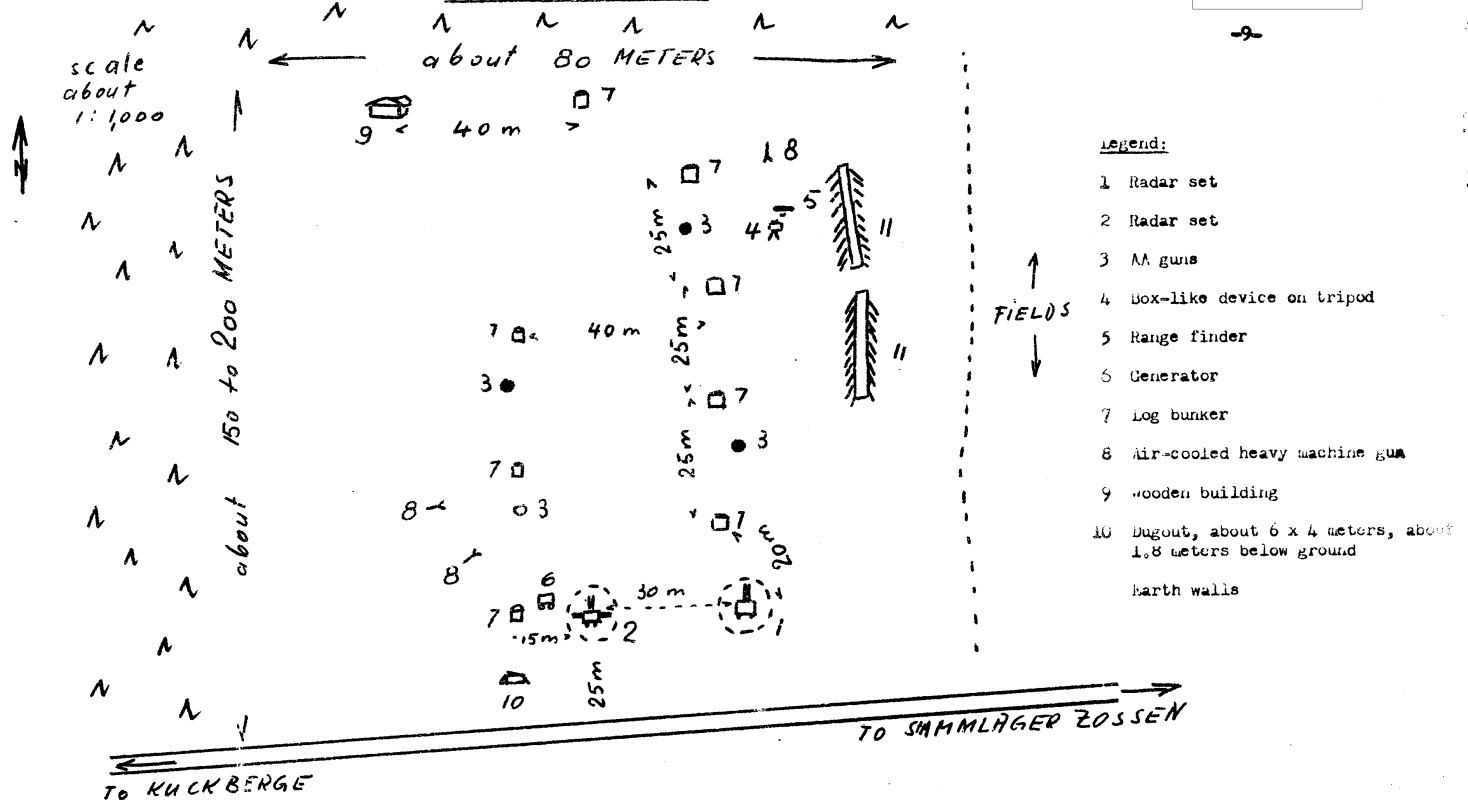


Legend:

- 1 Slanting reflector
- 2 Thick rods
- 3 Thin rods
- 4 Supporting device at the rear side of reflector

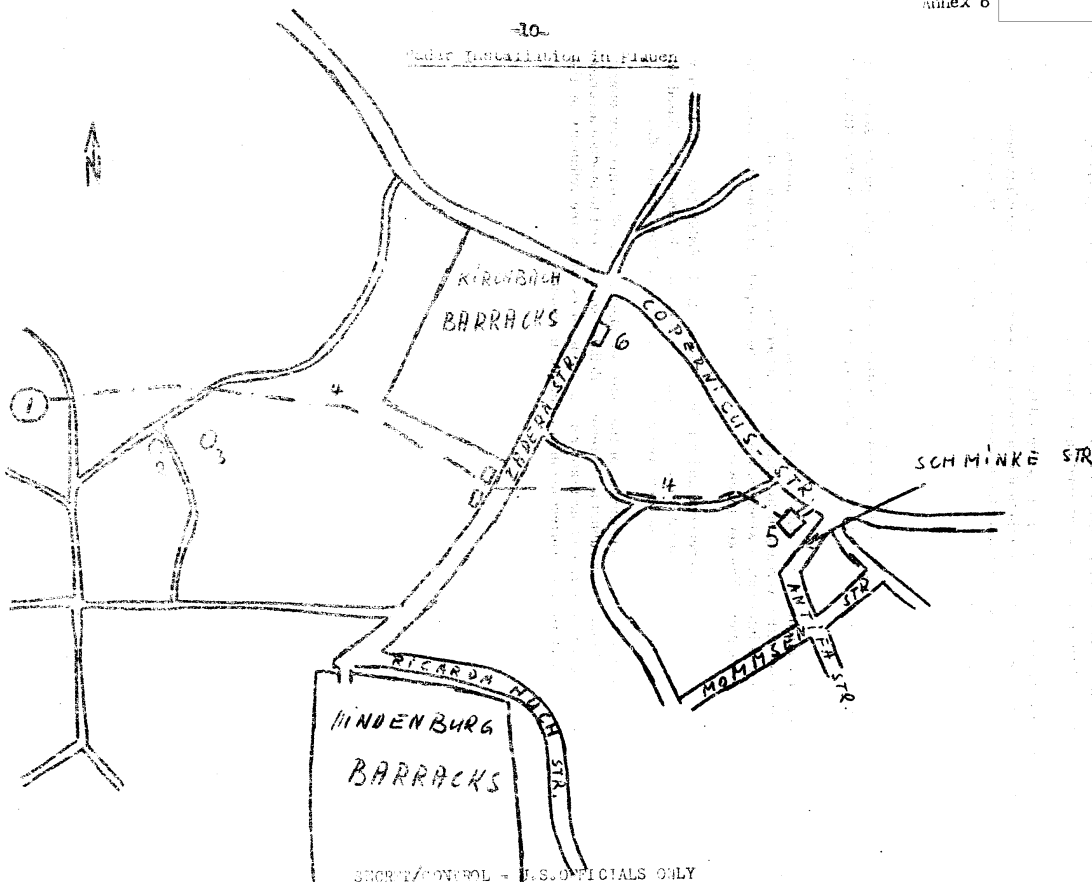
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ANNEX 6

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Legend:

- 1 Radar installation on Barthuebel (hill)
- 2 Adcock DF station, unoccupied
- 3 Adcock DF station, unoccupied
- 4 Overhead rubber cable
- 5 Villa on Copernicus Strasse
- 6 Officer billets on Radera Strasse

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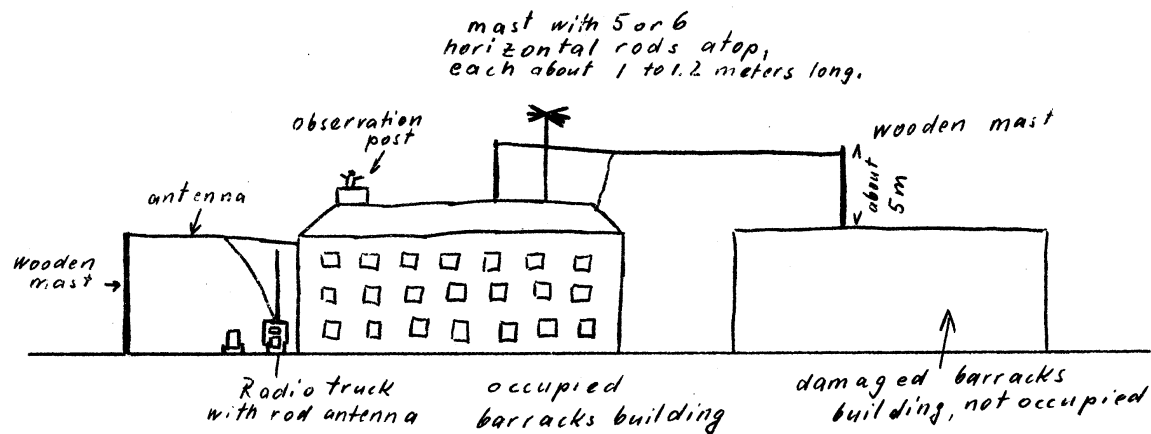
Annex 7

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View Sketch of Two Buildings of Hirschbach Kaserne in Plauen

Showing Various Radio Installations



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Annex E

List of Radar Sets Mentioned in the Report.

Location	Type of Set	Last Observed on	Remarks	Assignment
Gardelegen	1 Dumbo ) 1 SCR-602 ) 1 Third set ) 1 CPS-6 )	17 January 1953		probably Ftr Div in Laerz
Zossen	AA No 1 MK 2	29 January 1953		2d Gds AAA Div
Merseburg	1 Dumbo		this set was not observed but it has probably not been removed	Ftr Div in Merseburg
	1 SCR-602 ) 1 Third set )	17 December 1952		
Plauen	1 Dumbo ) 1 SCR-602 ) 1 Third set )	29 January 1953		Ftr Div in Grossenhain
Wisnar	1 Dumbo	30 October 1952	dismantled	undetermined
Wittstock	1 Dumbo		this set was not observed but it has pro- bably not been removed	
	1 SCR-602 ) 1 Third set ) 1 with para- bolic ) reflector )	mid-January 1953		headquarters of the fighter corps in Wittstock
Rehagen	1 Dumbo	early October 1952		2d Gds AAA Div(?)
Wittenberg	probably 1 Dumbo ) 1 SCR-602 ) 1 Third set )	the sets were not observed, but they are probably available		headquarters of the fighter corps in Wittenberg
Hillersleben	1 Dumbo	10 January 1953		undetermined

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